**** CONFIDENTIAL ****
****PRE-DECISIONAL DOCUMENT ****
**** SUMMARY SCORESHEET ****
**** FOR COMPUTING PROJECTED HRS SCORE ****

**** Do Not Cite or Quote ****

Site Name: Former Samoset Laundry Facility   Region: 2

City, County, State: Plainfield, Union NJ   Evaluator: Kimberly Ward

EPA ID#: none   Date: 9/16/2009

Lat/Long: 40 37.42 / 74 24.23   T/R/S:

Congressional District:

This Scoresheet is for: SI

Scenario Name: Site Investigation

Description: From about 1926 until 1983, the Samoset Laundry operated a dry cleaning business at 902 to 924 North Avenue in Plainfield NJ. In 1985 and 1986, the NJDEP collected soil and water samples at the property.   In 2009, the NJDEP colected soil samples from identified AOCs on the property. Samoset has historically been impacted with concentrations of PCE above the NJDEP Remediation Standards.

	S pathway	S^2 pathway
Ground Water Migration Pathway Score (S_{gw})	100	10000
Surface Water Migration Pathway Score (S_{sw})		
Soil Exposure Pathway Score (S_s)		
Air Migration Score (S_a)		
$S^2_{gw} + S^2_{sw} + S^2_s + S^2_a$		10000
$(S^2_{gw} + S^2_{sw} + S^2_s + S^2_a)/4$		2500
$\sqrt{(S^2_{gw} + S^2_{sw} + S^2_s + S^2_a)/4}$		50

υ Pathways not assigned a score (explain):

TABLE 3-1 --GROUND WATER MIGRATION PATHWAY SCORESHEET

Factor categories and factors	Maximum Value	Value Assigned
Aquifer Evaluated:		
Likelihood of Release to an Aquifer:		
1. Observed Release	550	550
2. Potential to Release:		
2a. Containment	10	10
2b. Net Precipitation	10	6
2c. Depth to Aquifer	5	3
2d. Travel Time	35	15
2e. Potential to Release [lines 2a(2b + 2c + 2d)]	500	240
3. Likelihood of Release (higher of lines 1 and 2e)	550	550
Waste Characteristics:		
4. Toxicity/Mobility	(a)	100
5. Hazardous Waste Quantity	(a)	10
6. Waste Characteristics	100	6
Targets:		
7. Nearest Well	(b)	50
8. Population:		
8a. Level I Concentrations	(b)	
8b. Level II Concentrations	(b)	
8c. Potential Contamination	(b)	4788
8d. Population (lines 8a + 8b + 8c)	(b)	4788
9. Resources	5	0
10. Wellhead Protection Area	20	20
11. Targets (lines 7 + 8d + 9 + 10)	(b)	4858
Ground Water Migration Score for an Aquifer:		
12. Aquifer Score [(lines 3 x 6 x 11)/82,5000][c]	100	100
Ground Water Migration Pathway Score:		
13. Pathway Score (S_{gw}), (highest value from line 12 for all aquifers evaluated)[c]	100	100

[a] Maximum value applies to waste characteristics category
[b] Maximum value not applicable
[c] Do not round to nearest integer